

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001693**Date Inspected:** 11-Mar-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

<b>CWI Name:</b>	N/A			<b>CWI Present:</b>	<b>Yes</b>	<b>No</b>	
<b>Inspected CWI report:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Rod Oven in Use:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
<b>Electrode to specification:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Weld Procedures Followed:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
<b>Qualified Welders:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Verified Joint Fit-up:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
<b>Approved Drawings:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Approved WPS:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
				<b>Delayed / Cancelled:</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>

**Bridge No:** 34-0006**Component:** Reports**Summary of Items Observed:**

This Quality Assurance Inspector (QAI) reviewed the ultrasonic test reports for measurement of penetration on the partial joint penetration (PJP) welds between selected closed u-ribs and deck panels. Deck panels for which reports were reviewed and data recorded were DP015-001, DP018-001, DP058-001, DP062-001 and DP063-001. A spreadsheet was developed for tracking the area's on the welds where lack of penetration (LOP) existed and there specific 'Y' locations. This spreadsheet was the forwarded to the Island Structural Materials Representative (ISMR) Mr. Ady Velasco.

This QAI reviewed the radiographic film for the American Bridge/Fluor ABF Transmittal TL-08-0067 for the weld repair on weld SP017-01-001 and for completed welds BP001-01-001; BP003-01-001 & BP006-01-001. For details see radiographic report TL-6029 dated today March 11, 2008.

**Summary of Conversations:**

No conversations held today.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

**Inspected By:** Berger,Bruce

Quality Assurance Inspector

---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---

**Reviewed By:** Hager,Craig

QA Reviewer